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TI Transparent **conductive** film  
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AB **Ag** alloys are used as the metal layer in place of **Ag** for a transparent ZnS/metal/ZnS **conductive** film. **Ag** alloys have higher resistance than **Ag** toward oxidn. and sulfurization, and films using alloy layers have higher mech. strength and transparency than using **Ag**. Thus, **Ag**-(1-10)% Cd, **Ag**-(1-20)% In and **Ag**-(0.5-30)% Cu were used to prep. **conductive** films on glass or polymer substrates. The prepd. films had higher transmittances than films of same resistance prepd. from **Ag**, with **Ag**-(1-10)% Cu showing the best results.